

APA 72/74

ADD-ON COMPACTOR



THE ADD-ON MACHINE FOR LARGE EXCAVATORS

Designed for excavators in the 10- to 20-tonne class, Ammann's APA 72/74 is primarily used for applications that require high compaction performance. The Add-On Compactor provides impressive results, and is able to compact fill depths of more than half a meter in a single pass.

Key features are the compactor's versatility and rugged design, making it a reliable machine that is always ready for use.

PATENTED VIBRATION LIMITATION

- High-resistance rubber shock absorbers cushion vibrations to protect the excavator and, ultimately, the operator as well

SAFETY

- For work on steep inclines where compaction with a vibratory plate is not safe
- Trench compaction from a safe distance

THE MACHINE THAT MATCHES

- The Add-On Compactor is compatible with all commonly used fast change systems
- With the matching fast change system, the Add-On Compactor is connected and ready to operate within a few seconds
- Available with a hydraulic rotator

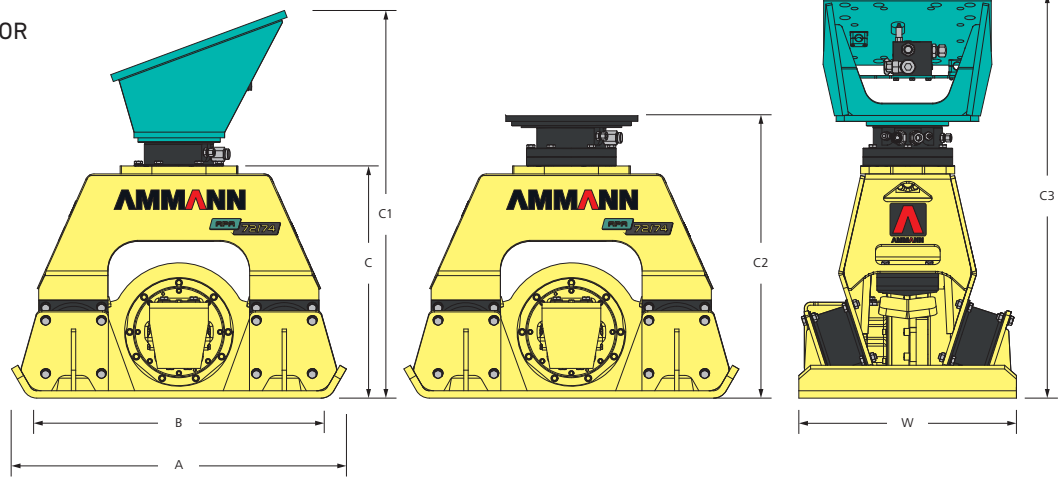
RUGGED DESIGN

- The housing protects the central exciter unit
- Bearing bushings protect the housing against vibrations and prevent direct contact by metal surfaces under high pressure

APPLICATIONS

- Add-On Compactor for excavators in the 10- to 20-tonne class
- Pipeline and canal construction
- Slope and hillside compaction
- Confined work spaces, manhole compaction
- Structure backfill work
- Landfill
- Track construction

TECHNICAL SPECIFICATIONS
APA 72/74 ADD-ON COMPACTOR



WEIGHT & DIMENSIONS

	APA 72/74
MACHINE WEIGHT	640 kg (1411 lb)
MACHINE WEIGHT (MECH.)	830 kg (1830 lb)
MACHINE WEIGHT (HYD.)	920 kg (2028 lb)
A LENGTH	1142 mm (45 in)
B BASE PLATE LENGTH	1027 mm (40.4 in)
C HEIGHT	652 mm (25.7 in)
C1 HEIGHT (MECH.)	1200 mm (47.2 in)
C2 HEIGHT (HYD.)	910 mm (35.8 in)
C3 HEIGHT (HYD+UNIV.)	1380 mm (54.3 in)
W WIDTH	740 mm (29.1 in)
DIAMETER	1320 mm (52 in)
RECOMMENDED CARRIER SIZE	10 - 20 t (22 046 - 44 092 lb)

COMPACTION FORCES

MAX. VIBRATION FREQUENCY	36 Hz (2160 VPM)
MAX. CENTRIFUGAL FORCE	72 kN (16 186 lbf)
SPEC. SURFACE PRESSURE	9.5 N/cm ² (13.7 psi)

STANDARD EQUIPMENT

- Version with mechanical rotator
- Twin-shaft exciter with high frequency and low amplitude
- Rubber cushions protect the excavator against vibrations
- Universal adapter plate for fast changes

MISCELLANEOUS

HYDRAULIC CONNECTIONS	Turn - Forward - Return - Leak - Turn
REQUIRED HYDRAULIC PRESSURE	250 bar (3625.9 psi)
REQUIRED VOLUME FLOW	90 l/min (5492 in ³ /min)
MAX. RETURN PRESSURE	10 bar (145 psi)



OPTIONAL EQUIPMENT

- Version with hydraulic rotator
- Alternative connections for Krupp hole pattern
- Hydraulic connections for Likufix fast-change system
- Hydraulic connections for OilQuick fast change system
- Adapter plate to fit an OilQuick fast change system